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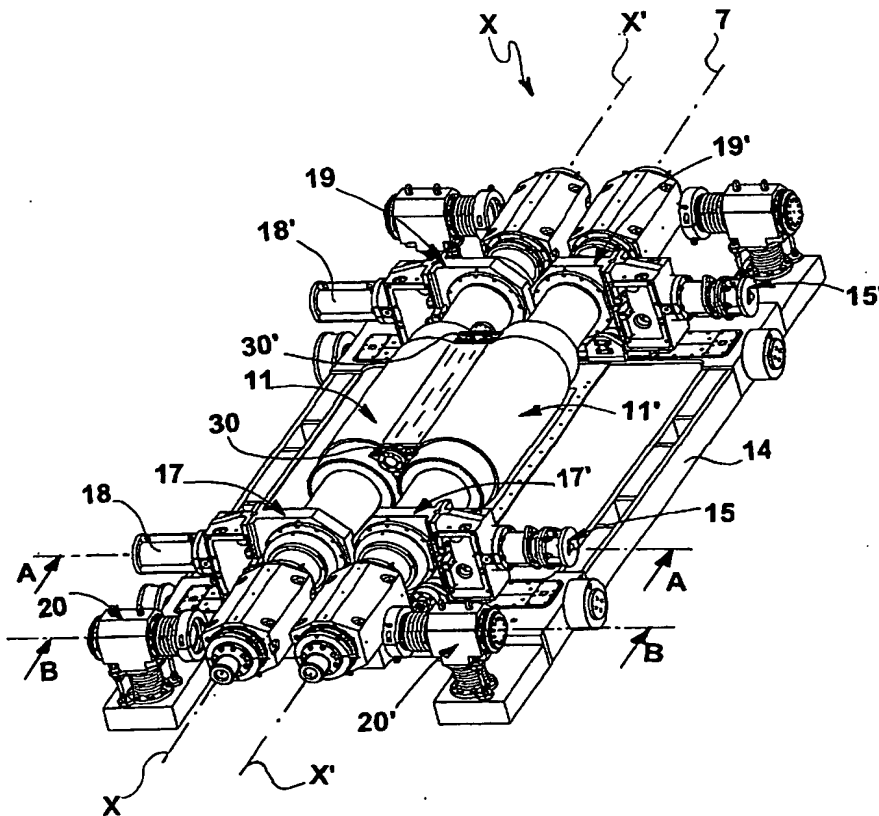
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(54) Title: ROLL SUPPORT DEVICE FOR CONTINUOUS METALLIC STRIP CASTING



(57) Abstract: Support device for an assembly (14) of the casting rolls (11, 11') of a continuous metallic strip casting line comprising a movable support at each axial end. Such supports (17, 17', 19, 19') are provided with a hydraulic bearing (13) to reduce friction during motion with respect to the assembly. Between the movable supports of one of the rolls (11) and the assembly is located a hydraulic actuator (18), which thrusts the first roll (11') towards the second roll (11') against a stop (16). Between the second roll (11') and the assembly there are located magnetostrictive actuators which thrust the second roll (11') against the first roll (11). The device has a joint provided with a housing (22) inside which a telescopic tube (21) for the supply of the cooling water to conduits present in the rolls may slide. The housing (22) is connected to the assembly (14) by means of a bellows (27) allowing for oscillation.

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